R13

Set No. 1

IV B.Tech I Semester Supplementary Examinations, October/November-2019
SOFTWARE PROJECT MANAGEMENT
(Common to Computer Science and Engineering and Information Technology)

Time: 3 hours   Max. Marks: 70

Question paper consists of Part-A and Part-B
Answer ALL sub questions from Part-A
Answer any THREE questions from Part-B
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PART–A *(22 Marks)*

1.	a)	What is project? Explain.	[4]
	b)	List the disadvantages of iterative process model.	[3]
	c)	Explain SLOC.	[4]
	d)	Write about software reliability using Monte Carlo Method.	[4]
	e)	Describe Earned Value Analysis.	[3]
	f)	Explain the Quality Measures.	[4]

PART–B *(3x16 = 48 Marks)*

2.	a)	Discuss in detail Challenging Areas in Software Projects.	[8]
	b)	Compare and Contrast Project Objectives and Organizational Objectives.	[8]
3.	a)	What is the sequence of individual iteration's workflow?	[8]
	b)	Define Artifact. Write in detail about Management Artifacts.	[8]
4.	a)	Explain in detail the five basic parameters of the Software Cost Model?	[8]
	b)	Draw AON diagram and find the Activities on Critical Path with suitable example.	[8]
5.	a)	What is PERT in Project Management? Explain in detail.	[8]
	b)	What are the types of Risks in Software Engineering? Explain the Process of Risk Management.	[8]
6.	a)	Draw and explain in detail various steps in Project Monitoring Cycle.	[8]
	b)	What do you mean LOB? Discuss in detail.	[8]
7.		What is Software Quality Metrics? Explain in detail various Categories of Software Quality Metrics with suitable example each.	[16]